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CONFIDENTIAL

6 January 1956

25X1

MEMORANDUM FOR: THE RECORD

SUBJECT : Monitoring of RD-54 25X1

1. Time and Place: 4 & 5 January 1956. 25X1

2. Attendance: 25X1

3. Discussion:

a. The list of modifications (?) for the proposed "C" unit as submitted by O/C was discussed and it was agreed that all were possible except the two APD had already excluded but none could be incorporated into the "C" unit without a change of scope which does not want. 25X1

b. The $3000 G. S. contract was mentioned to . 25X1
will probably accept it. 25X1

c. The proposal for ten battery chargers was not completed; however, estimates are near $3000.

d. The breakdown on the $6000 was delivered to . 25X1

e. inquired as to the time required to 25X1
finish Task I. Estimates were 60 days after work is resumed.
then requested to prepare a request for 25X1
the extension of time to 90 days.

f. Progress on Task IV is satisfactory except that 25X1
does not have a writing staff. They are currently attempting to hire some writers; however, even if they are successful in hiring, the clearance will delay the project. Sub-contracting is a possible solution that was not discussed.

g. The progress on Task V is satisfactory. A breadboard "C" unit will be completed the week of 9 January. The lamp used will consume at least 250 ma and probably 350 ma @ 3V. Two other potentials will be required: 15 ma @ 6V and 5 ma @ 15V. The power supply is not fixed at this time but

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appearances are that Mallory RM12M (penlight size) cells will supply the 3V and 6V potentials while a standard hearing aid battery will supply the 15V. Preliminary tests indicate that the mercury cell will produce 350 ma for two hours (Continuous) and after 24 hours are capable of another 1 3/4 hours. To accomplish this current with dry cells would require a "D" cell which presents a size problem.

h. The No. 1045 lamps used in the "B" unit are now out of production; however, [redacted] is negotiating to purchase 200 with a four week delivery time. 25X1

i. The impending move of Raytheon is causing some personnel problems. Two engineers currently working on our projects have not committed themselves to join the move.

j. [redacted] will be in Washington 17 January and in the afternoon would like to discuss patents and money. 25X1

4. Conclusions: Personnel problems will delay the completion of Tasks IV and V by 3 to 6 months.

25X1

[redacted]

TSS/APD

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